

STATE OF WASHINGTON  
**DEPARTMENT OF FISH & WILDLIFE**  
**LANDS AND RESTORATION SERVICES PROGRAM**  
Salmonid Screening, Habitat Enhancement &  
Restoration Division (SSHEAR)

**OFF-CHANNEL SITE INVENTORY DATA**

**General Information:**

<b>Region:</b> North Coast	<b>Observer(s):</b> Nettnin
<b>River System:</b> Sol Duc	<b>Date:</b> 1/15/97
<b>Site Identifier:</b> S-304L-05	<b>WRIA:</b> 20.0304 J (Proposed)
<b>River Mile Location:</b> 2.2	<b>RB/LB:</b> RB
<b>Local Name:</b> Unnamed	<b>Trib. to:</b> E.F. Gunderson Cr. 20.0304 A
<b>Legal Description:</b> SE¼ Sec17 T29N R13W	<b>County:</b> Clallam
<b>Habitat Type:</b> Terrace Tributary	
<b>Landowner:</b> <input type="checkbox"/> Federal <input checked="" type="checkbox"/> State <input type="checkbox"/> County <input type="checkbox"/> Other Government <input checked="" type="checkbox"/> Private - Possible other private landowners involved. - Rayonier Timberland Operations Company	

**Directions to site:** Starting at Forks drive north on highway 101 to Luken Rd. (MP 196.2 access to Forest Service headquarters). Turn onto Luken Rd. and proceed about 0.1 mi. to the top of the hill. There are two driveways, one to the left and one to the right, go straight and park at the cable gate. Proceed down the road through the timber and into a pasture. Part way through the pasture one will cross a culvert (about 0.2 mi. from the gate.). This is Luken Marsh (S-304L-04). Continue on and crossing two bridges [E.F. Gunderson (S-304L-01)] bear right at the Y and continue onto the old gravel pit. Go due west about 100 - 150 m from the pit area, crossing the old grade, E.F. Gunderson creek and continuing to the second channel. This is S-304L-05.

**Site Overview:** This first order stream drains about forty acres. Half of which is spruce plantation and half sedge marsh. The marsh is a portion of a larger wetland. The system receives overbank storage from E.F. Gunderson which sources in the upper reach of the wetland.

**Habitat Information:**

**Water source:** Surface runoff and wetlands

**Intermittent/year-around:** Unknown probably intermittent

**Estimated flows (cfs):** Lower end: 0.5 - 1 Upper end: 0.01 numerous channels

**Water temperatures:** Lower end: 2.5° C Upper end: 2.5° C

**Adjacent stream temperature E.F. Gunderson Cr. (20.0304 A):** 1.5° C  
2/12/97: 4.5° C

**Other water observations:** Water is clear

**Site area measurements:** ☐ Indirect ☒ Direct ☐ Combination

Widths: Channel- 0.5 - 1 m	Ponds-	Wetlands- 20 - 30 m
Depths: Channel- 30- 60 cm	Ponds-	Wetlands- 15 - 20 cm Max- 60 cm
Total length (includes ponds and wetlands): 470 m		

**Total existing habitat area (est.):** 300 m<sup>2</sup>

Spawning area: None

Impounded area: None

Other rearing area: 300 m<sup>2</sup>

**Spawning Habitat conditions:** (X) None ( ) Poor ( ) Fair ( ) Good ( ) Excellent

**Describe spawning habitat:** NA

**Rearing habitat conditions:** ( ) None ( ) Poor ( ) Fair ( ) Good (X) Excellent

**Describe pond and other rearing habitat:**

- This channel is deep and slow, and acts like impounded water but with a definite current.
- The banks are lined with sedges that produce shade and cover

**Describe inaccessible habitat:** None

**Describe wetland:** ( ) Bog (X) Marsh ( ) Scrub-shrub Wetland ( ) Forested Wetland

This wetland is small portion of a larger wetland. This portion is made up of mostly sedges with planted spruce on hillocks and some spirea scattered at the upper end.

**Flooding potential:** (X) Low ( ) Medium ( ) High

Even though this system receives overbank storage from E.F. Gunderson Creek, there isn't much impact, just more flow.

**Fish Information:**

**Site entry condition to (E.F. Gunderson 20.0304 A):** ( ) Poor ( ) Fair (X) Good

Flow at confluence is relatively slow and 1 - 2 feet deep. It has slough sedge covering the banks.

**Coho access and use:**

Juvenile- (X) Unknown ( ) None (X) Poor ( ) Fair ( ) Good

Adult- ( ) Unknown (X) None ( ) Poor ( ) Fair ( ) Good

On 2/11 - 2/12/97 two minnow traps were set and fished; three cottid were caught.

**Other species access and use:** ( ) Chum ( ) Pink ( ) Sockeye ( ) Chinook (X) Trout

This channel will provide habitat for trout. It is unknown at this time if trout are present.

**Habitat Improvements:**

**Enhancement opportunities:**

Protect integrity of the wetland.

**Additional Comments:**

**Attachments Available:**

**Contact respective SSHEAR habitat biologist for the following checked items:**

- |                      |                      |                       |                    |
|----------------------|----------------------|-----------------------|--------------------|
| ( ) Aerials          | (X) Sketch           | (X) Maps              | ( ) Culvert Report |
| ( ) Other references | ( ) Spawning surveys | (X) Juvenile trapping | ( ) Fishway Report |

**NORTH COAST OFF CHANNEL SURVEY**  
**SUBSEQUENT SITE EVALUATION FORM**

**River System:** Sol Duc

**Site No.:** S-304L-05  
**Site Name:** Unnamed  
**WRIA:** 20.0304 J (P)

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**DATE:** 2/97

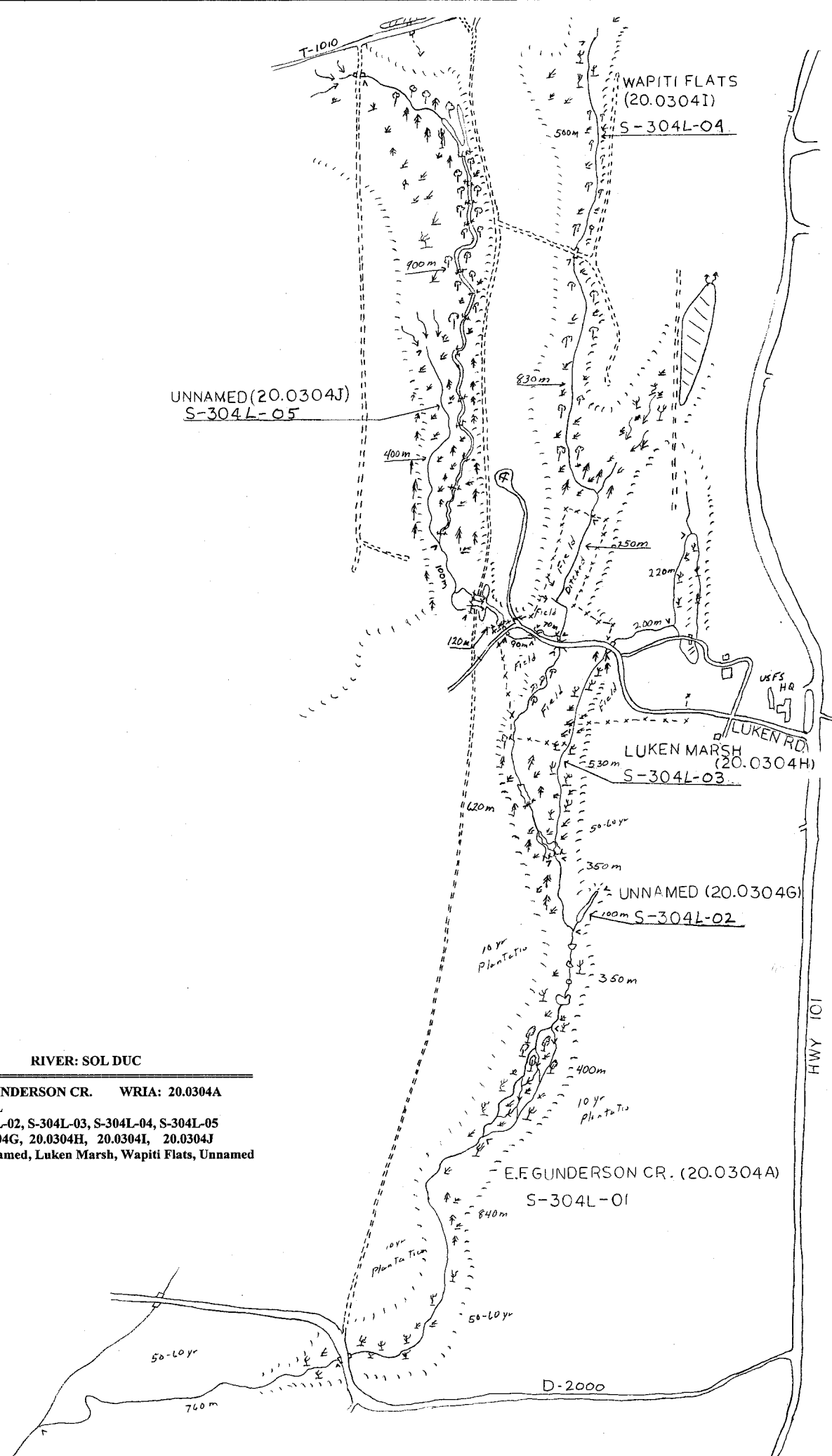
**OBSERVER:** Darrow, Nettnin

**MINNOW TRAPPING REPORT**

TRAP	DATE SET	TEMP	DATE PULLED	TEMP	CATCH		RBT	CUTT	COTTID
					COHO UMRK	MRK			
1	2/11	4.5°C	2/12	6.0°C	0	0	0	0	3
2	2/11	4.5°C	2/12	6.0°C	0	0	0	0	0
<b>TOTALS:</b>					0	0	0	0	3

**COMMENTS:**

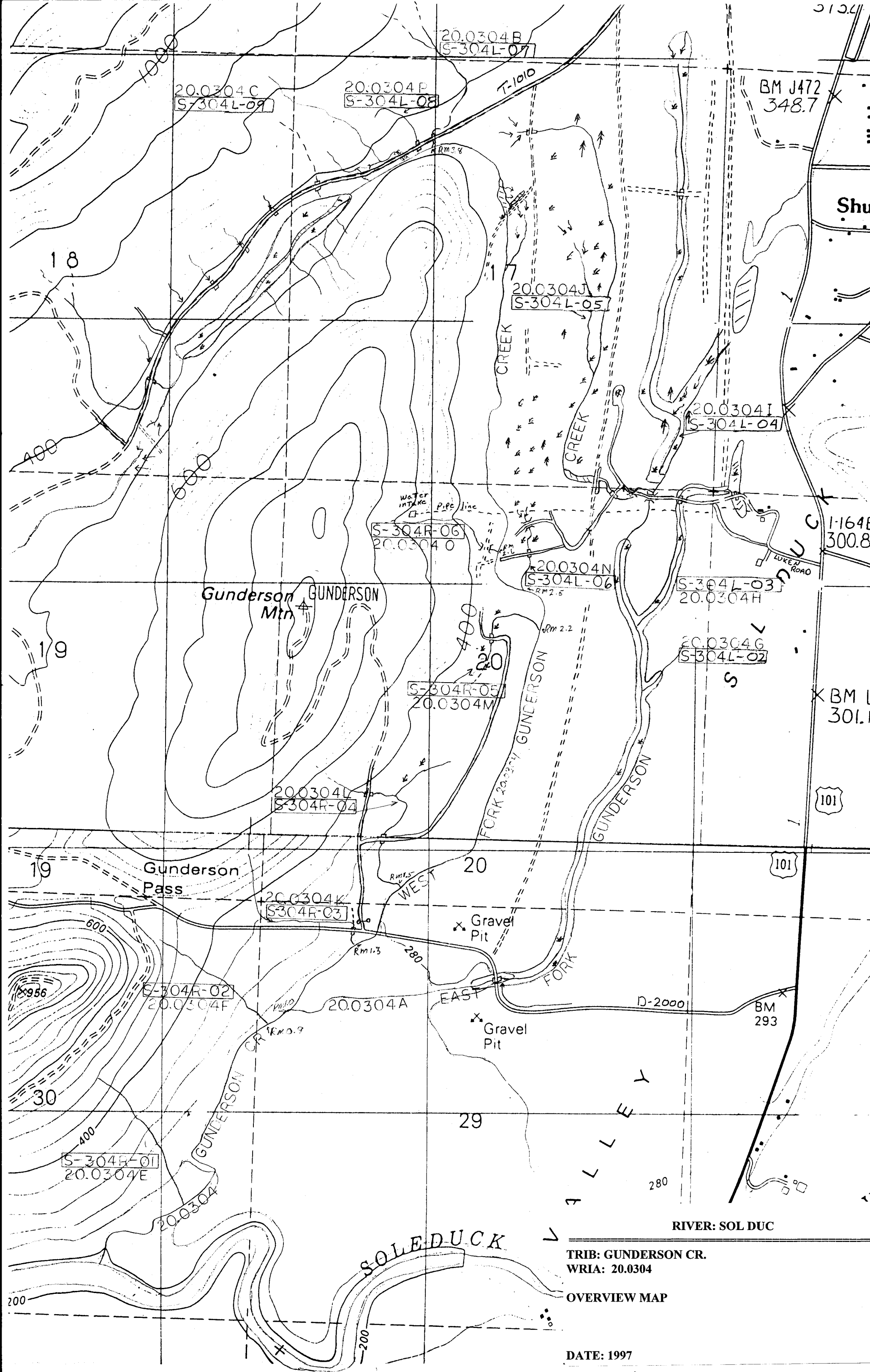
- Trap 1 was placed about 100 m upstream from the mouth.
- Trap 2 was placed about 100 m upstream from the first trap.



RIVER: SOL DUC

TRIB: E.F.GUNDERSON CR. WRIA: 20.0304A  
 AREA: S-304L  
 SITES: S-304L-02, S-304L-03, S-304L-04, S-304L-05  
 WRIA: 20.0304G, 20.0304H, 20.0304I, 20.0304J  
 NAMES: Unnamed, Luken Marsh, Wapiti Flats, Unnamed

DATE: 1/97



TRIB: GUNDERSON CR.  
WRIA: 20.0304

OVERVIEW MAP

DATE: 1997



7.5 MINUTE SERIES (TOPOGRAPHIC)  
WASHINGTON  
NW/4 FORKS 15' QUADRANGLE  
FORKS QUADRANGLE  
1:80 M  
(LAME PLEASANT 1:63,000)

WASHINGTON  
7.5 MINUTE SERIES (TOPOGRAPHIC)

NW/4 FORKS 15' QUADRANGLE  
PORT ANGELES 54 MI.  $124^{\circ}22'30''$   
BEAVER 00 47 MI

PORT ANGELES 54 MI.  1 130 000 FEET  
DEAVES 20 47 22  
124°22'30"

